Amendments to the Claims

The listing of claims below will replace all prior versions and listings of claims in the application.

1. (Currently Amended) A system for configuring a ~~first~~ packet switched network appliance, comprising:

a server configured to store first data, to receive second data from the ~~first~~ packet switched network appliance via a first network, and to convey third data to the ~~first~~ packet switched network appliance via said first network; and

a control routine configured to execute on said server and to use said first data and said second data to produce said third data, wherein ~~said control routine is configured to use said second data to distinguish the first packet switched network appliance from a second packet switched network appliance and~~ said third data is used to configure the ~~first~~ packet switched network appliance to have access to a second ~~network,~~ network at an access point, wherein said second network is a packet switched ~~network.~~ network, and wherein a determination of said access point includes a consideration of a distance between the packet switched network appliance and said access point.

2. (Previously Presented) The system of claim 1, wherein said first network comprises a connection-oriented switched telephony network.

3. (Previously Presented) The system of claim 1, wherein said server is further configured to receive information from said second network to modify said first data.

4. (Currently Amended) The system of claim 1, wherein said control routine is further configured to interact with a compatible control routine pre-programmed in the ~~first~~ packet switched network appliance.

5. (Currently Amended) A ~~first~~ packet switched network appliance, comprising:

a network connection port; and

a pre-programmed configuration routine configured to interact, via said network connection port and a first network, with a control routine configured to execute on a server, to convey first data to said control routine, and to receive second data from said control routine, wherein said control routine is configured to use said first data and third data to produce said second data, ~~to use said first data to distinguish the first packet switched network appliance from a second packet switched network appliance,~~ and said second data is used to configure the ~~first~~ packet switched network appliance to have access to a second ~~network,~~ network at an access point, wherein said second network is a packet switched ~~network.~~ network, and wherein a determination of said access point includes a consideration of a distance between the packet switched network appliance and said access point.

6. (Currently Amended) The ~~first~~ packet switched network appliance of claim 5, wherein said first network comprises a connection-oriented switched telephony network.

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7. (Currently Amended) The ~~first~~ packet switched network appliance of claim 5, wherein said pre-programmed configuration routine is further configured to select said control routine from a set of control routines in said server to interact with said pre-programmed configuration routine to configure the first packet switched appliance to have access to said second network.

8. (Currently Amended) A method for configuring a ~~first~~ packet switched network appliance, comprising:

(a) pre-programming the ~~first~~ packet switched network appliance with a first configuration routine configured to interact with a configuration server having a second configuration routine;

(b) connecting the ~~first~~ packet switched network appliance to said configuration server via a first network;

(c) providing an initiation signal causing the ~~first~~ packet switched network appliance to establish communication and initiate interaction with said configuration server; and

(d) configuring the ~~first~~ packet switched network appliance for access to a second network by interaction of said first configuration routine and said second configuration routine;

wherein said first configuration routine is configured to convey first data to said second configuration routine and to receive second data from said second configuration routine, said second configuration routine is configured ~~to use said first data to distinguish the first packet switched network appliance from a second packet switched network appliance and~~ to use said first data and third data to produce said second data, said second data is used

to configure the ~~first~~ packet switched network appliance for access to said second ~~network,~~ ~~and~~ network at an access point, said second network is a packet switched ~~network.~~ network, and wherein a determination of said access point includes a consideration of a distance between the packet switched network appliance and said access point.

9. (Previously Presented) The method of claim 8, wherein said first network comprises a connection-oriented switched telephony network.

10. (Currently Amended) The method of claim 8, wherein said configuration server uses at least one of an Automatic Number Identification service and a Destination Number Information Service to select a specific second configuration routine for the ~~first~~ packet switched network appliance.

11. (Currently Amended) A system for configuring a ~~first~~ packet switched network appliance, comprising:

a server configured to store first data, to receive second data from the ~~first~~ packet switched network appliance, and to convey third data to the ~~first~~ packet switched network appliance; and

a control routine configured to execute on said server and to use said first data and said second data to produce said third data, wherein said control routine is configured to use ~~said second data to distinguish the first packet switched network appliance from a second packet switched network appliance and~~ said third data ~~is used~~ to configure the ~~first~~ packet switched network appliance to have access to a packet switched ~~network.~~ network at an

access point, and wherein a determination of said access point includes a consideration of a distance between the packet switched network appliance and said access point.

12. (Currently Amended) A ~~first~~ packet switched network appliance, comprising:

a port; and

a pre-programmed first routine configured to interact via said port with a second routine configured to execute on a server, to convey first data to said second routine, and to receive second data from said second routine, wherein said second routine is configured to use said first data and third data to produce said second ~~data, to use said first data to distinguish the first packet switched network appliance from a second packet switched network appliance,~~ data and said second data is used to configure the ~~first~~ packet switched network appliance to have access to a packet switched ~~network.~~ network at an access point, wherein a determination of said access point includes a consideration of a distance between the packet switched network appliance and said access point.

13. (Currently Amended) A method for configuring a ~~first~~ packet switched network appliance, comprising:

(a) connecting the ~~first~~ packet switched network appliance to a server;

(b) conveying first data from the ~~first~~ packet switched network appliance to said server;

(c) processing said first data and second data at said server to produce third ~~data, wherein said first data is used by said server to distinguish the first packet switched network appliance from a second packet switched network appliance;~~ data; and

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(d) conveying said third data from said server to the ~~first~~ packet switched network appliance, wherein said third data is used to configure the ~~first~~ packet switched network appliance for access to a packet switched ~~network.~~ network at an access point, wherein a determination of said access point includes a consideration of a distance between the packet switched network appliance and said access point.